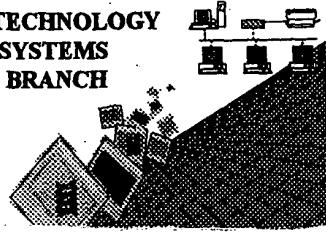


05/0
8/23
fc

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/024,444A
Source: OIPC
Date Processed by STIC: 11/26/02

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PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/024,444A

DATE: 11/26/2002
TIME: 13:58:13

Input Set : A:\Cura224.app
Output Set: N:\CRF4\11262002\J024444A.raw

3 <110> APPLICANT: Padigaru, Muralidhara
 4 Gerlach, Valerie L.
 5 Smithson, Glennda
 6 Stone, David
 7 Bin-Yang, Ruey
 8 Conley, Pamela B.
 9 Hart, Matthew
 10 Tomlinson, James E.
 11 Topper, James N.
 12 Kekuda, Ramesh
 13 Casman, Stacie J.
 14 MacDougall, John R.
 15 Shlomit, Edinger R.
 17 <120> TITLE OF INVENTION: Novel GPCR-Like Proteins and Nucleic Acids Encoding
 18 Same
 20 <130> FILE REFERENCE: 21402-224 AG
 22 <140> CURRENT APPLICATION NUMBER: 10/024444A
 23 <141> CURRENT FILING DATE: 2001-12-18
 25 <150> PRIOR APPLICATION NUMBER: 60/256635
 26 <151> PRIOR FILING DATE: 2000-12-18
 28 <160> NUMBER OF SEQ ID NOS: 12
 30 <170> SOFTWARE: PatentIn Ver. 2.1
 32 <210> SEQ ID NO: 1
 33 <211> LENGTH: 977
 34 <212> TYPE: DNA
 35 <213> ORGANISM: Unknown Organism
 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: Description of Unknown Organism: Unknown
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 43 atacatgttg gcactgacca gcaatggctc gctgctcctg gccatcacca tagaagcccg 180
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 53 gaagaaagcc cttgtcacct gcttccca cctgattgtg gtcggatgt tctatggac 780
 54 tgccacattc atgtatgtct tgcccaatgc cccaaacaag acaacatcat 840

must explain genetic
source - see erra
summary sheet item

11

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/024,444A

DATE: 11/26/2002

TIME: 13:58:13

Input Set : A:\Cura224.app

Output Set: N:\CRF4\11262002\J024444A.raw

Some errors

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 66 <223> OTHER INFORMATION: Description of Unknown Organism: Unknown
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 70 1 5 10 15
 72 Ile Leu Asn Asp Ser Gly Ser Pro Glu Leu Leu Tyr Ala Thr Phe Thr
 73 20 25 30
 75 Ile Leu Tyr Met Leu Ala Leu Thr Ser Asn Gly Leu Leu Leu Ala
 76 35 40 45
 78 Ile Thr Ile Glu Ala Arg Leu His Met Pro Met Tyr Leu Leu Leu Gly
 79 50 55 60
 81 Gln Leu Ser Leu Met Asp Leu Leu Phe Thr Ser Val Val Thr Pro Lys
 82 65 70 75 80
 84 Ala Leu Ala Asp Phe Leu Arg Arg Glu Asn Thr Ile Ser Phe Gly
 85 85 90 95
 87 Cys Ala Leu Gln Met Phe Leu Ala Leu Thr Met Gly Ser Ala Glu Asp
 88 100 105 110
 90 Leu Leu Leu Ala Phe Met Ala Tyr Asp Arg Tyr Val Ala Ile Cys His
 91 115 120 125
 93 Pro Leu Lys Tyr Met Thr Leu Met Ser Pro Arg Val Cys Trp Ile Met
 94 130 135 140
 96 Val Ala Thr Ser Trp Ile Leu Ala Ser Leu Ile Ala Ile Gly His Thr
 97 145 150 155 160
 99 Met Tyr Thr Met His Leu Pro Phe Cys Val Ser Trp Glu Ile Arg His
 100 165 170 175
 102 Leu Leu Cys Glu Ile Pro Pro Leu Leu Lys Leu Ala Cys Ala Asp Thr
 103 180 185 190
 105 Ser Arg Tyr Glu Leu Ile Ile Tyr Val Thr Gly Val Thr Phe Leu Leu
 106 195 200 205
 108 Leu Pro Ile Ser Ala Ile Val Ala Ser Tyr Thr Leu Val Leu Phe Thr
 109 210 215 220
 111 Val Leu Arg Met Pro Ser Asn Glu Gly Arg Lys Lys Ala Leu Val Thr
 112 225 230 235 240
 114 Cys Ser Ser His Leu Ile Val Val Gly Met Phe Tyr Gly Ala Ala Thr
 115 245 250 255
 117 Phe Met Tyr Val Leu Pro Ser Ser Phe His Ser Pro Lys Gln Asp Asn
 118 260 265 270
 120 Ile Ile Ser Val Phe Tyr Thr Ile Val Thr Pro Ala Leu Asn Pro Leu
 121 275 280 285
 123 Ile Tyr Ser Leu Arg Asn Lys Glu Val Met Arg Ala Leu Arg Arg Val
 124 290 295 300
 126 Leu Gly Lys Tyr Ile Leu Leu Ala His Ser Thr Leu

RAW SEQUENCE LISTING
 PATENT APPLICATION: **US/10/024,444A**

DATE: 11/26/2002
 TIME: 13:58:13

Input Set : A:\Cura224.app
 Output Set: N:\CRF4\11262002\J024444A.raw

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139	Ile	Leu	Asn	Asp	Ser	Gly	Ser	Pro	Glu	Leu	Leu	Cys	Ala	Thr	Ile	Thr
140					20			25				30				
142	Ile	Leu	Tyr	Leu	Leu	Ala	Leu	Ile	Ser	Asn	Gly	Leu	Leu	Leu	Leu	Ala
143					35			40				45				
145	Ile	Thr	Met	Glu	Ala	Arg	Leu	His	Met	Pro	Met	Tyr	Leu	Leu	Leu	Gly
146					50			55				60				
148	Gln	Leu	Ser	Leu	Met	Asp	Leu	Leu	Phe	Thr	Ser	Val	Val	Thr	Pro	Lys
149					65			70				75				80
151	Ala	Leu	Ala	Asp	Phe	Leu	Arg	Arg	Glu	Asn	Thr	Ile	Ser	Phe	Gly	Gly
152						85			90				95			
154	Cys	Ala	Leu	Gln	Met	Phe	Leu	Ala	Leu	Thr	Met	Gly	Gly	Ala	Glu	Asp
155						100			105				110			
157	Leu	Leu	Leu	Ala	Phe	Met	Ala	Tyr	Asp	Arg	Tyr	Val	Ala	Ile	Cys	His
158						115			120				125			
160	Pro	Leu	Thr	Tyr	Met	Thr	Leu	Met	Ser	Ser	Arg	Ala	Cys	Trp	Leu	Met
161						130			135				140			
163	Val	Ala	Thr	Ser	Trp	Ile	Leu	Ala	Ser	Leu	Ser	Ala	Leu	Ile	Tyr	Thr
164						145			150				155			160
166	Val	Tyr	Thr	Met	His	Tyr	Pro	Phe	Cys	Arg	Ala	Gln	Glu	Ile	Arg	His
167						165			170				175			
169	Leu	Leu	Cys	Glu	Ile	Pro	His	Leu	Leu	Lys	Val	Ala	Cys	Ala	Asp	Thr
170						180			185				190			
172	Ser	Arg	Tyr	Glu	Leu	Met	Val	Tyr	Val	Met	Gly	Val	Thr	Phe	Leu	Ile
173						195			200				205			
175	Pro	Ser	Leu	Ala	Ala	Ile	Leu	Ala	Ser	Tyr	Thr	Gln	Ile	Leu	Leu	Thr
176						210			215				220			
178	Val	Leu	His	Met	Pro	Ser	Asn	Glu	Gly	Arg	Lys	Lys	Ala	Leu	Val	Thr
179						225			230				235			240
181	Cys	Ser	Ser	His	Leu	Thr	Val	Val	Gly	Met	Phe	Tyr	Gly	Ala	Ala	Thr
182						245			250				255			
184	Phe	Met	Tyr	Val	Leu	Pro	Ser	Ser	Phe	His	Ser	Thr	Arg	Gln	Asp	Asn
185						260			265				270			
187	Ile	Ile	Ser	Val	Phe	Tyr	Thr	Ile	Val	Thr	Pro	Ala	Leu	Asn	Pro	Leu
188						275			280				285			
190	Ile	Tyr	Ser	Leu	Arg	Asn	Lys	Glu	Val	Met	Arg	Ala	Leu	Arg	Arg	Val
191						290			295				300			
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/024,444A

DATE: 11/26/2002
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Input Set : A:\Cura224.app
Output Set: N:\CRF4\11262002\J024444A.raw

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207 20 25 30
209 Ala Leu Tyr Met Leu Ala Leu Ile Ser Asn Gly Leu Leu Leu Val
210 35 40 45
212 Ile Thr Val Asp Ala Arg Leu His Val Pro Met Tyr Leu Leu Leu Arg
213 50 55 60
215 Gln Leu Ser Leu Ile Asp Leu Leu Phe Thr Ser Val Val Thr Pro Lys
216 65 70 75 80
218 Ala Val Met Asp Phe Leu Leu Arg Asp Asn Thr Ile Ser Phe Gly Gly
219 85 90 95
221 Cys Ala Leu Gln Met Ala Leu Ala Leu Met Leu Gly Ser Ala Glu Asp
222 100 105 110
224 Leu Leu Ala Phe Met Ala Tyr Asp Arg Tyr Val Ala Ile Cys His
225 115 120 125
227 Pro Leu Asn Tyr Met Val Phe Met Ser Pro Thr Val Cys Trp Leu Ile
228 130 135 140
230 Val Ser Thr Ser Trp Ile Leu Ala Ser Leu Thr Ala Val Gly His Thr
231 145 150 155 160
233 Val Tyr Thr Met His Phe Pro Phe Cys Met Ser Gln Glu Ile Arg His
234 165 170 175
236 Leu Leu Cys Glu Ile Leu Pro Leu Leu Lys Leu Ser Cys Val Asp Thr
237 180 185 190
239 Ser Gln Tyr Glu Leu Met Val Tyr Val Thr Gly Val Thr Phe Leu Leu
240 195 200 205
242 Leu Pro Leu Ser Ala Ile Val Thr Ser Tyr Thr Leu Ile Leu Ser Thr
243 210 215 220
245 Val Leu His Met Pro Ser Asn Glu Gly Lys Lys Lys Ala Leu Val Thr
246 225 230 235 240
248 Cys Leu Ser His Leu Met Val Val Gly Met Phe Tyr Gly Ala Ala Thr
249 245 250 255
251 Phe Met Tyr Val Leu Pro Ser Ser Leu His Ser Ala Lys Gln Asp Asn
252 260 265 270
254 Ile Ile Ser Val Phe Tyr Thr Ile Val Thr Pro Ala Leu Asn Pro Leu
255 275 280 285
257 Ile Tyr Ser Leu Arg Asn Lys Glu Val Ile Gly Ala Leu Arg Arg Val
258 290 295 300
260 Leu Gly Arg Tyr Ile Leu Pro Ala His Leu Thr Leu
261 305 310 315
264 <210> SEQ ID NO: 5
265 <211> LENGTH: 316
266 <212> TYPE: PRT
267 <213> ORGANISM: mouse
269 <400> SEQUENCE: 5
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271 1 5 10 15

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PATENT APPLICATION: US/10/024,444A

DATE: 11/26/2002
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Input Set : A:\Cura224.app
Output Set: N:\CRF4\11262002\J024444A.raw

273 Ile Leu Asp Gly Ser Gly Ser Pro Glu Leu Leu Cys Ala Thr Val Thr
 274 20 25 30
 276 Thr Leu Tyr Met Leu Ala Leu Ile Ser Asn Gly Leu Leu Leu Val
 277 35 40 45
 279 Ile Thr Val Asp Ala Arg Leu His Val Pro Met Tyr Leu Leu Leu Arg
 280 50 55 60
 282 Gln Leu Ser Leu Ile Asp Leu Leu Phe Thr Ser Val Val Thr Pro Asn
 283 65 70 75 80
 285 Thr Val Val Asp Phe Leu Leu Arg Asp Asn Thr Ile Ser Phe Glu Gly
 286 85 90 95
 288 Cys Ala Leu Gln Leu Phe Ser Ala Met Thr Leu Gly Gly Ala Glu Asp
 289 100 105 110
 291 Leu Leu Ala Phe Met Ala Tyr Asp Arg Tyr Val Ala Ile Cys His
 292 115 120 125
 294 Pro Leu Asn Tyr Met Ile Phe Met Ser Pro Lys Ala Cys Arg Leu Met
 295 130 135 140
 297 Val Ala Ile Ser Trp Ile Leu Ala Ser Leu Ser Ala Leu Gly His Thr
 298 145 150 155 160
 300 Val Tyr Thr Met His Phe Pro Phe Cys Met Ser Gln Glu Ile Arg His
 301 165 170 175
 303 Leu Leu Cys Glu Val Pro Pro Leu Leu Lys Leu Ala Cys Ala Asp Thr
 304 180 185 190
 306 Ser Gln Tyr Glu Leu Met Val Tyr Val Thr Gly Val Ile Phe Leu Leu
 307 195 200 205
 309 Leu Pro Leu Ser Ala Ile Ile Thr Ser Tyr Ser Leu Ile Leu Phe Thr
 310 210 215 220
 312 Val Leu His Met Pro Ser Asn Glu Gly Arg Lys Lys Ala Leu Val Thr
 313 225 230 235 240
 315 Cys Ser Ser His Leu Thr Val Val Gly Met Phe Tyr Gly Gly Ala Thr
 316 245 250 255
 318 Phe Met Tyr Val Leu Pro Ser Ser Phe His Ser Pro Lys Gln Asp Asn
 319 260 265 270
 321 Ile Ile Ser Val Phe Tyr Thr Ile Val Thr Pro Ala Leu Asn Pro Leu
 322 275 280 285
 324 Ile Tyr Ser Leu Arg Asn Lys Glu Val Ile Gly Ala Val Arg Arg Val
 325 290 295 300
 327 Leu Gly Arg His Ile Leu Pro Ala His Ala Thr Val
 328 305 310 315
 331 <210> SEQ ID NO: 6
 332 <211> LENGTH: 316
 333 <212> TYPE: PRT
 334 <213> ORGANISM: mouse
 336 <400> SEQUENCE: 6
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 340 Ile Leu Asp Gly Ser Gly Ser Pro Glu Leu Leu Cys Ala Thr Val Thr
 341 20 25 30
 343 Thr Leu Tyr Met Leu Ala Leu Ile Ser Asn Gly Leu Leu Leu Val
 344 35 40 45

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/024,444A

DATE: 11/26/2002
TIME: 13:58:14

Input Set : A:\Cura224.app
Output Set: N:\CRF4\11262002\J024444A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:8; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,14,15,16,17

VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/024,444A**

DATE: 11/26/2002

TIME: 13:58:14

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Output Set: **N:\CRF4\11262002\J024444A.raw**

L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0

L:562 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:16